

FIG. 1

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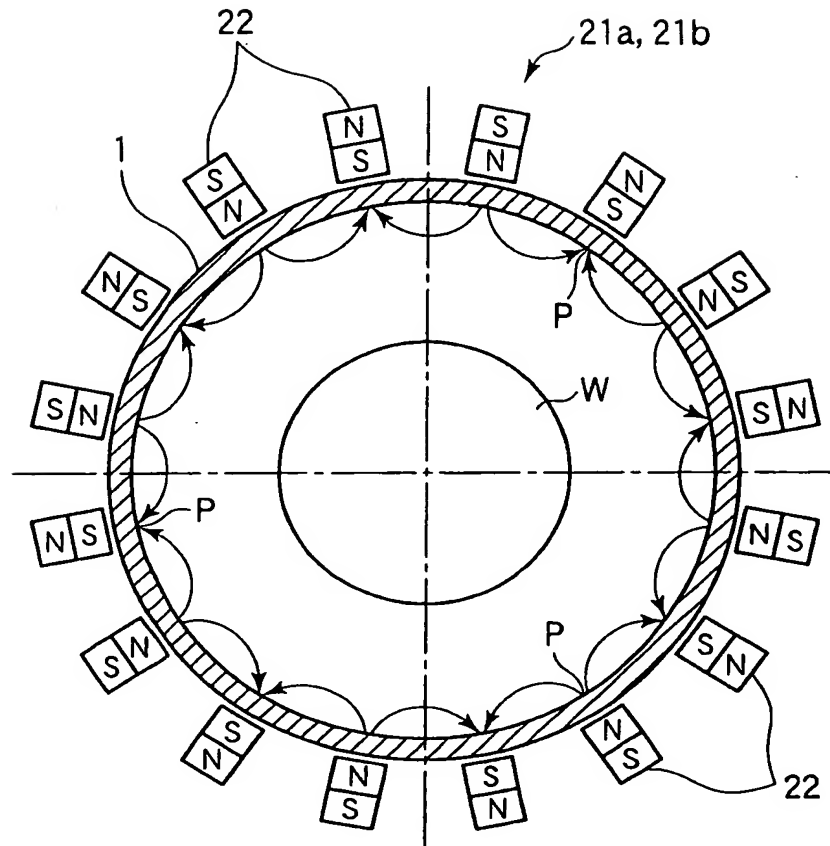
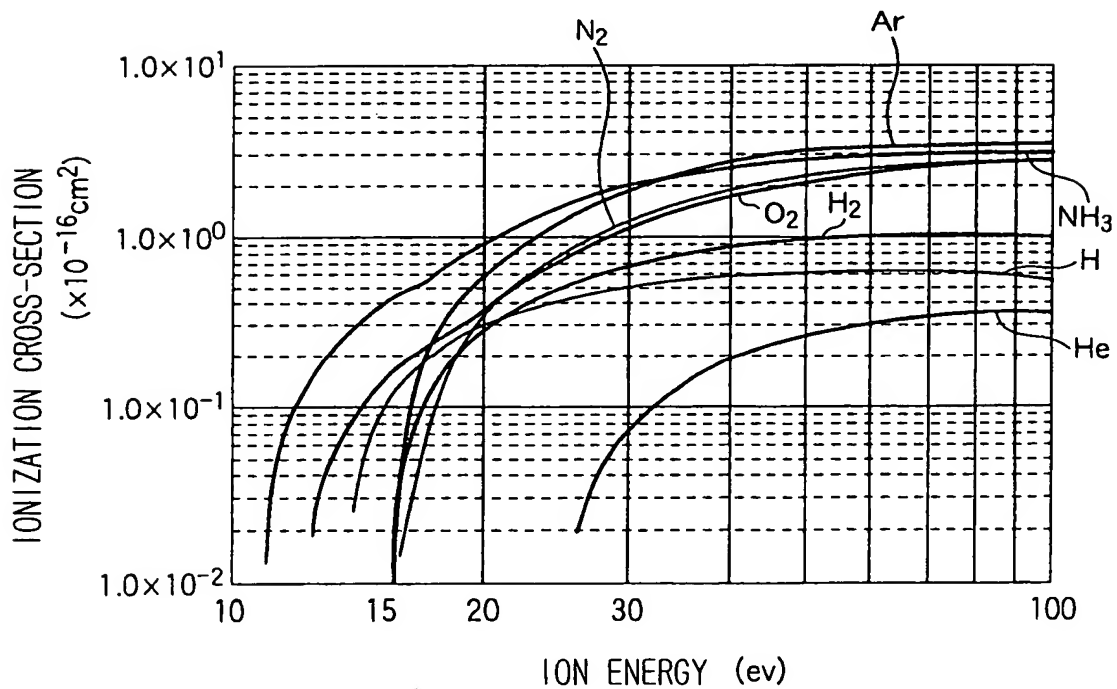


FIG. 2

FIG. 3
ART 34 AMDT

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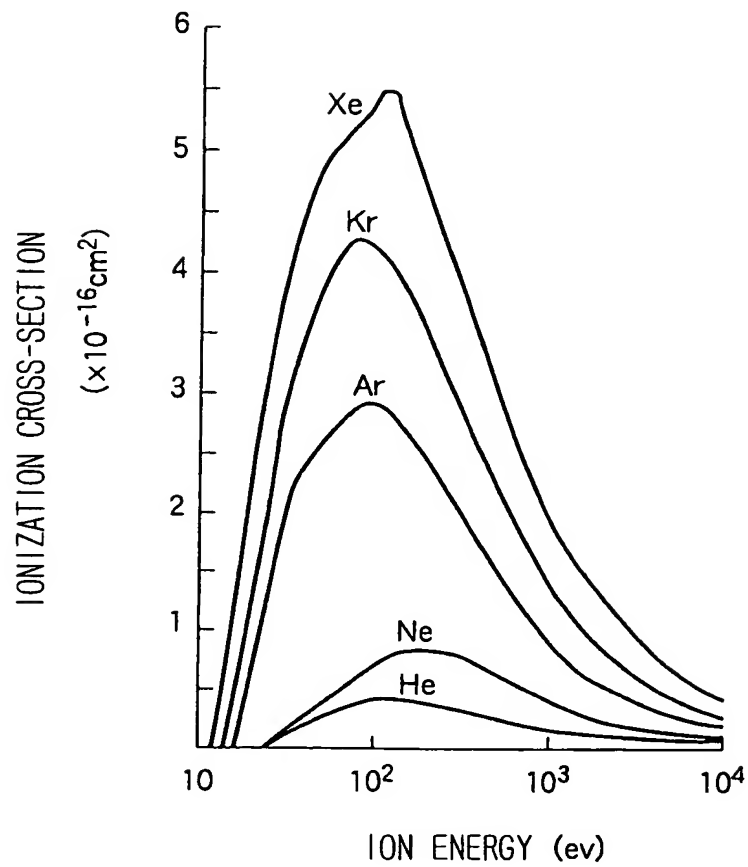


FIG. 4

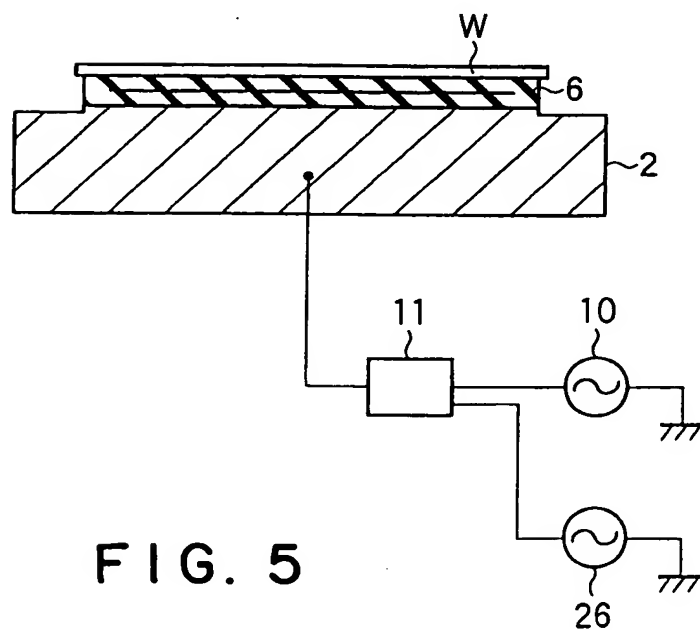


FIG. 5

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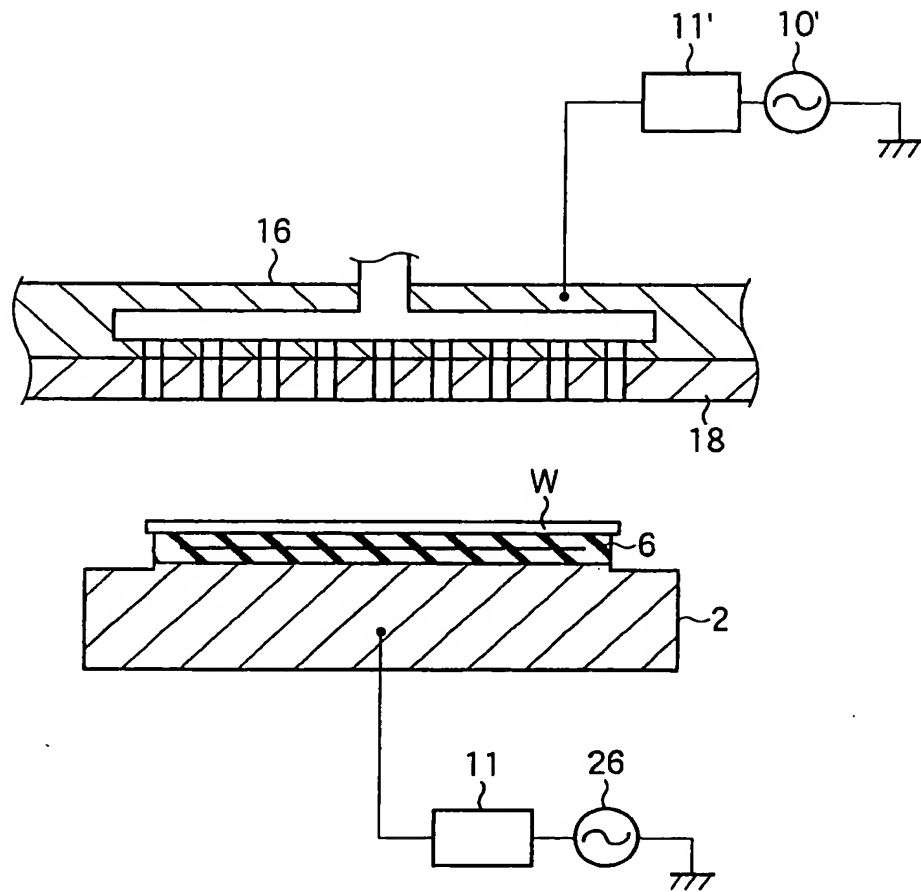


FIG. 6

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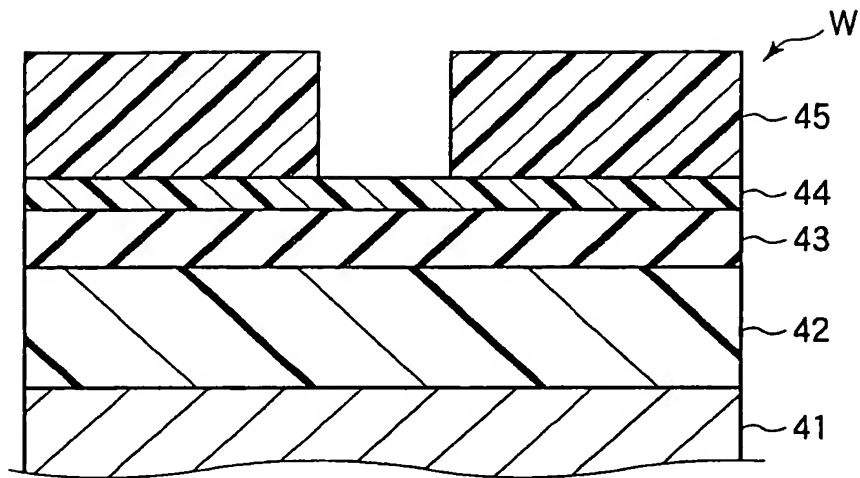


FIG. 7a

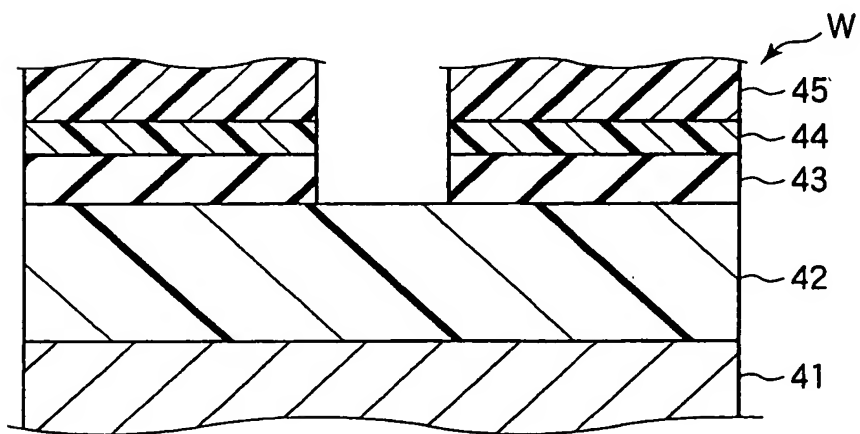


FIG. 7b

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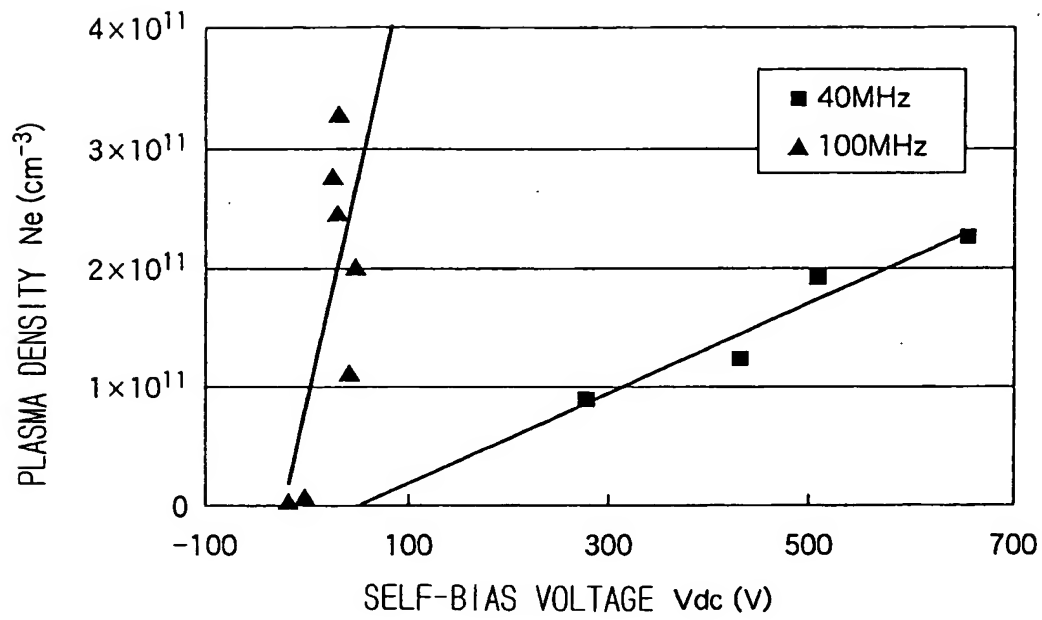
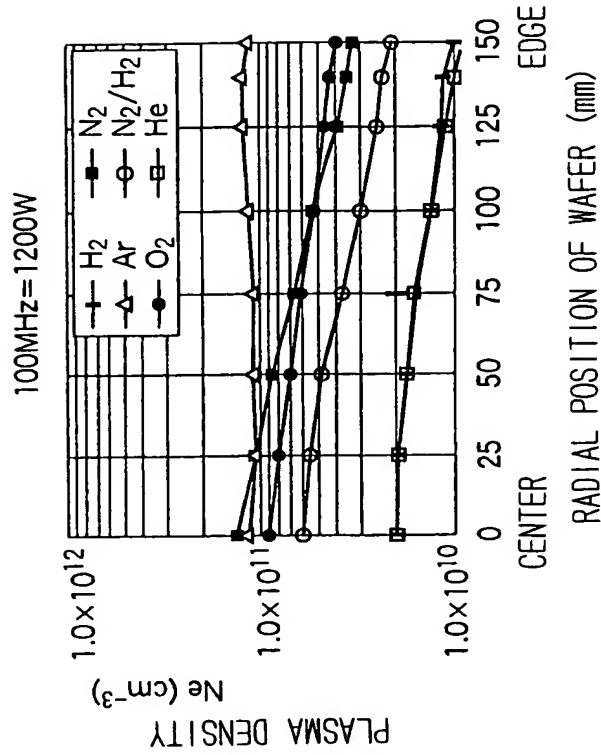


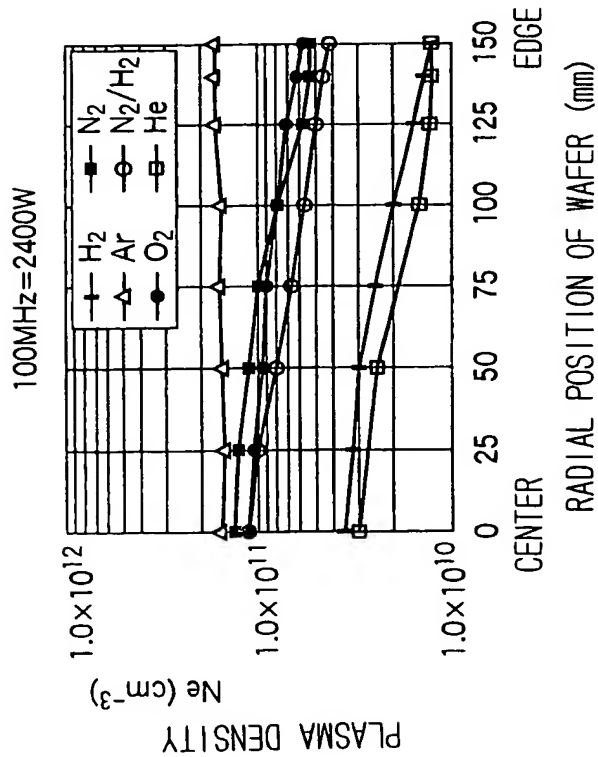
FIG. 8

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H₂: $1.5 \times 10^{10} \pm 33.5\%$
 N₂: $6.7 \times 10^{10} \pm 61.5\%$
 Ar: $1.1 \times 10^{11} \pm 5.5\%$
 N₂/H₂: $3.7 \times 10^{10} \pm 55.5\%$
 O₂: $6.0 \times 10^{10} \pm 41.9\%$
 He: $1.4 \times 10^{10} \pm 39.0\%$

FIG. 9b



H₂: $2.3 \times 10^{10} \pm 49.5\%$
 N₂: $8.9 \times 10^{10} \pm 44.5\%$
 Ar: $1.7 \times 10^{11} \pm 4.5\%$
 N₂/H₂: $6.9 \times 10^{10} \pm 49.6\%$
 O₂: $8.3 \times 10^{10} \pm 31.8\%$
 He: $1.8 \times 10^{10} \pm 47.3\%$

FIG. 9a

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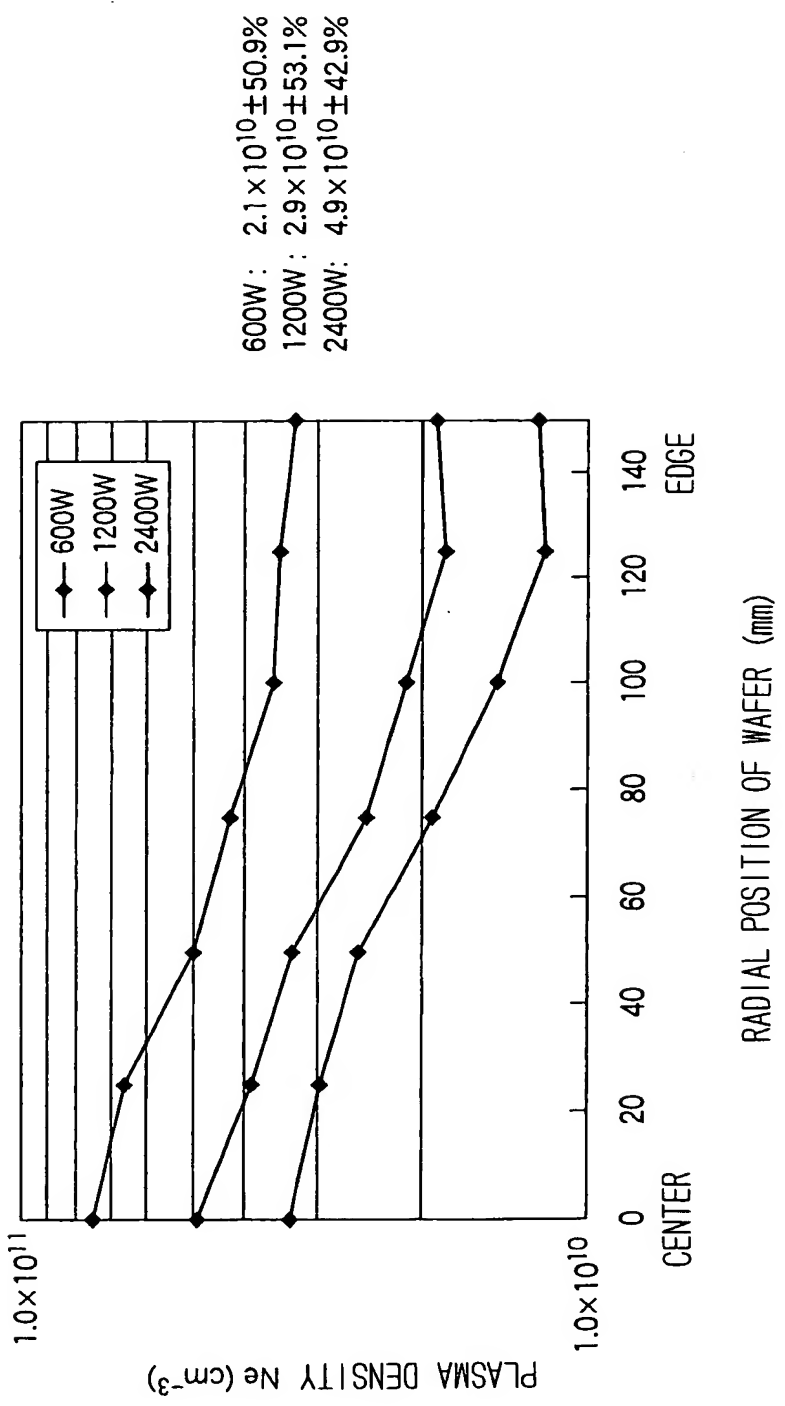
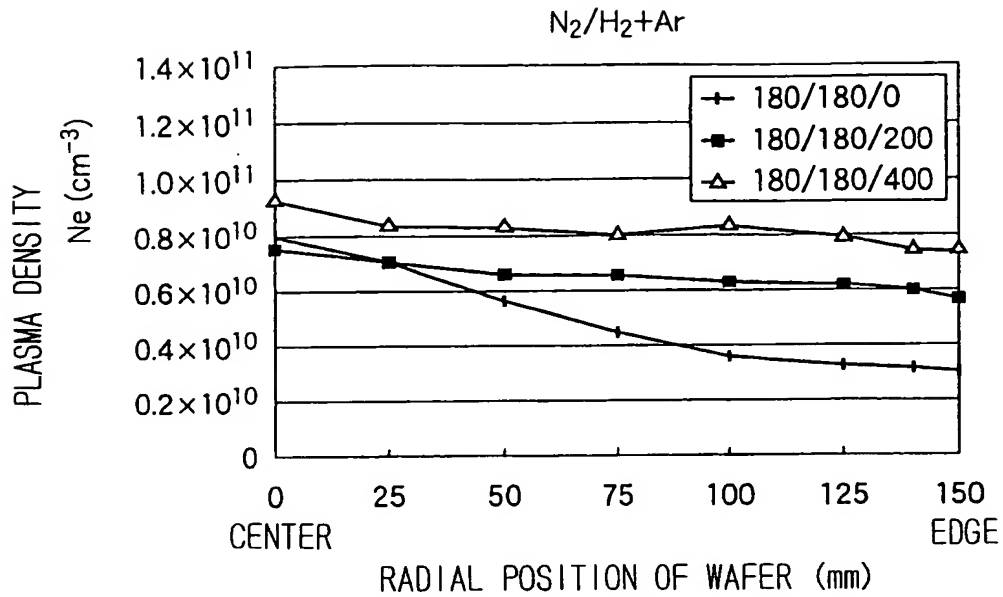


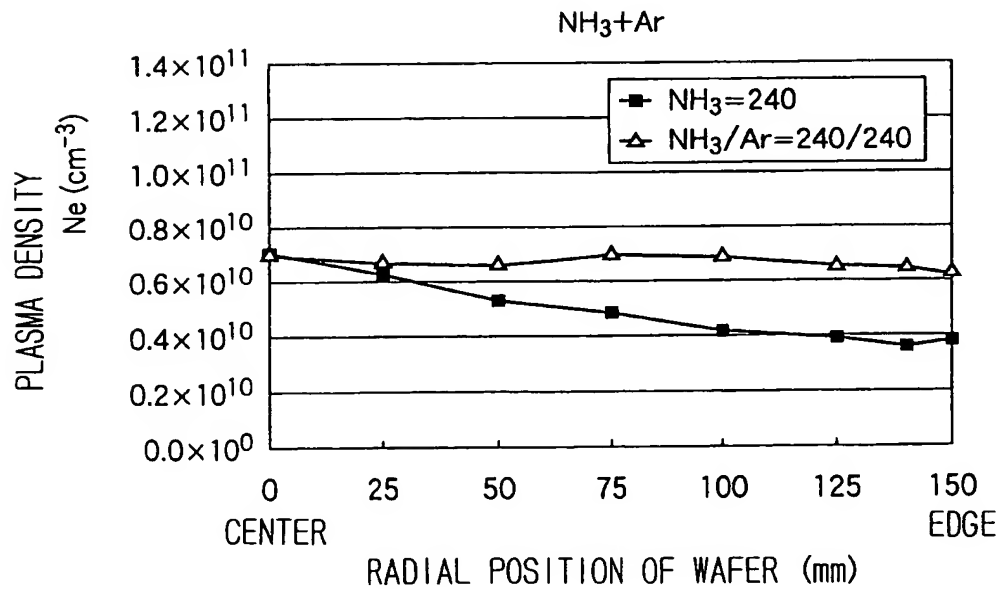
FIG. 10

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Ar=0 : $4.8 \times 10^{10} \pm 50.0\%$
 Ar=200 : $6.5 \times 10^{10} \pm 13.6\%$
 Ar=400 : $8.2 \times 10^{10} \pm 11.3\%$

FIG. 11



Ar=0 : $4.9 \times 10^{10} \pm 35.2\%$
 Ar=240 : $6.8 \times 10^{10} \pm 5.7\%$

FIG. 12

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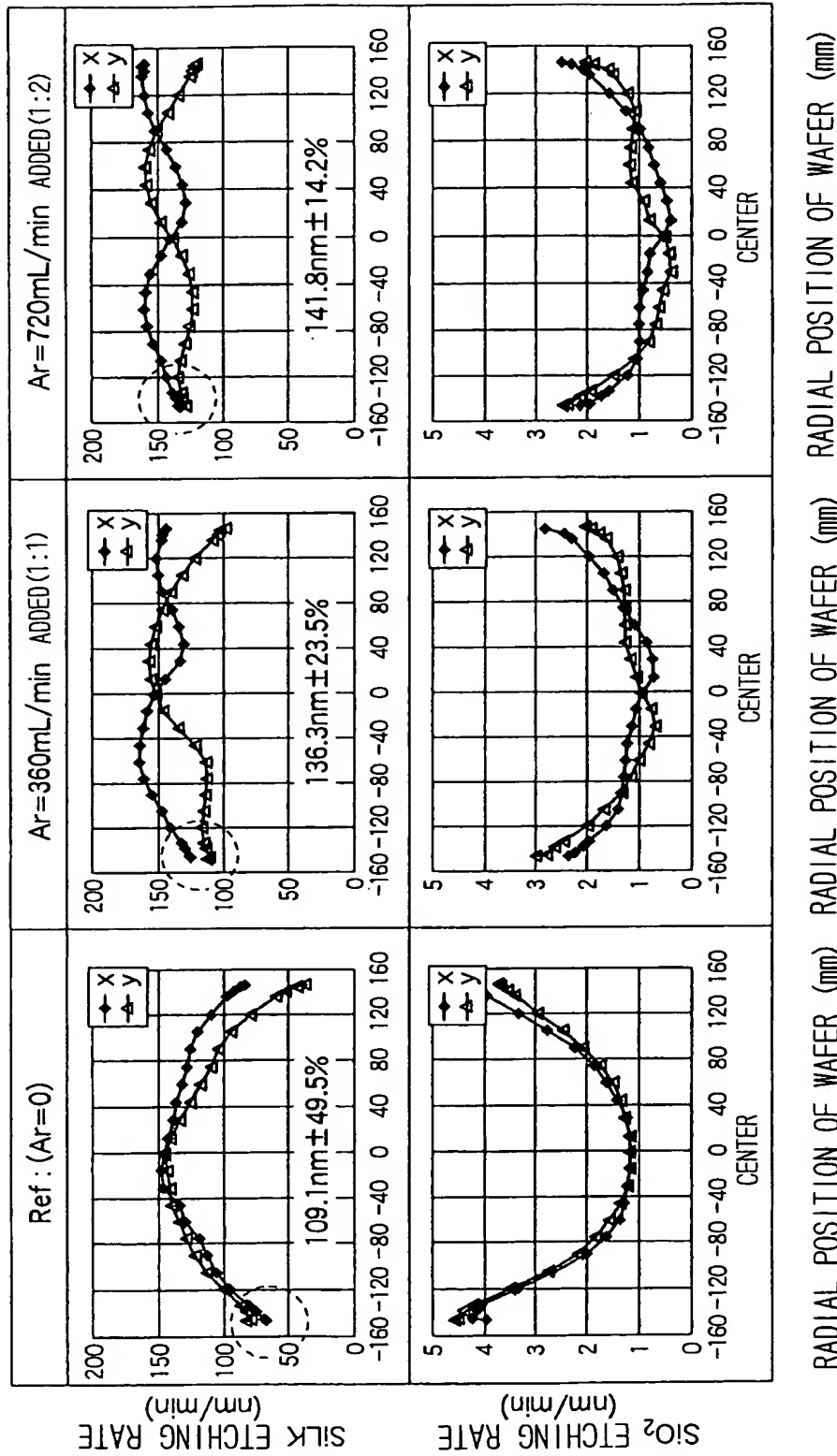


FIG. 13

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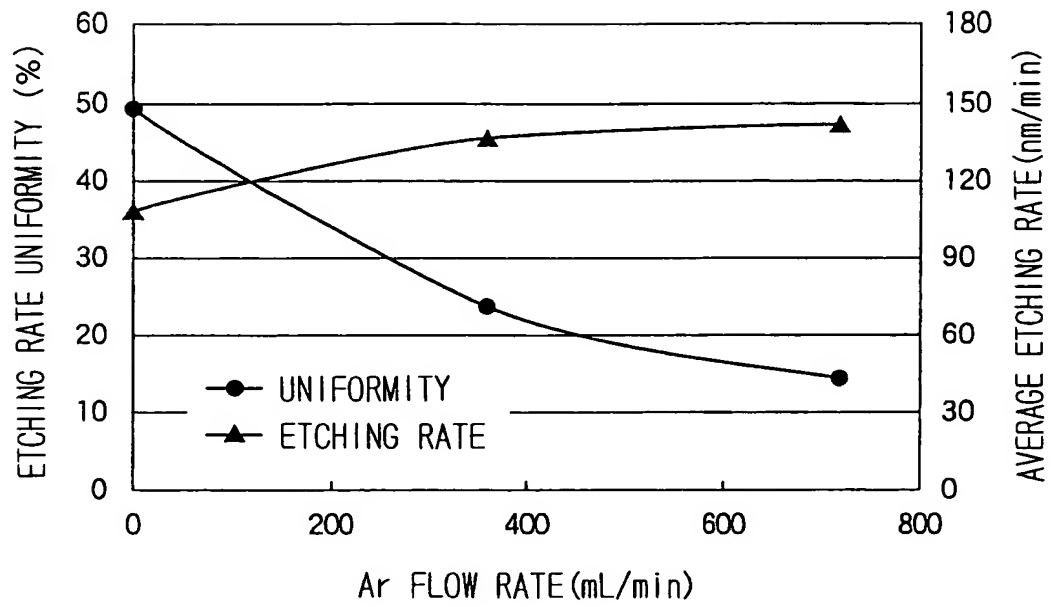


FIG. 14

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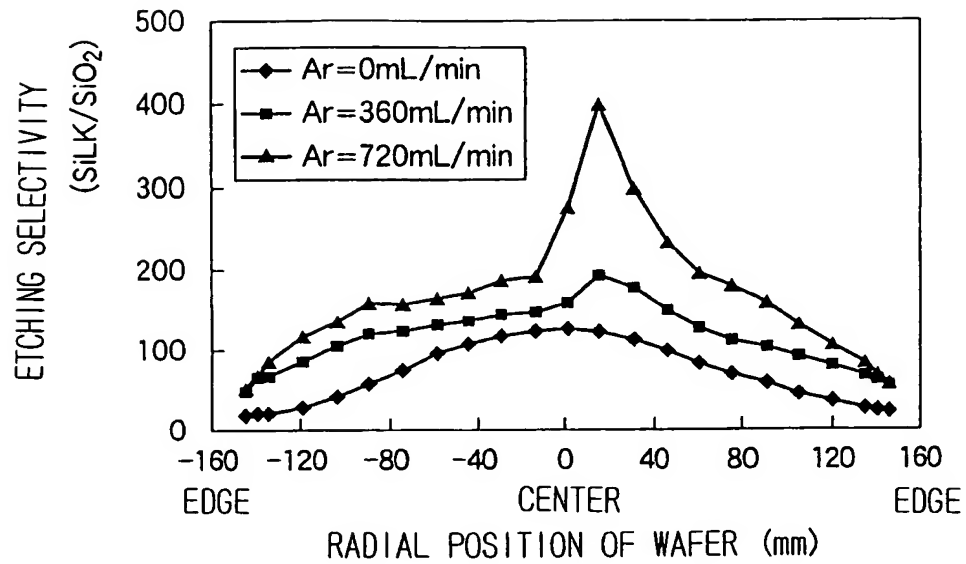


FIG. 15a

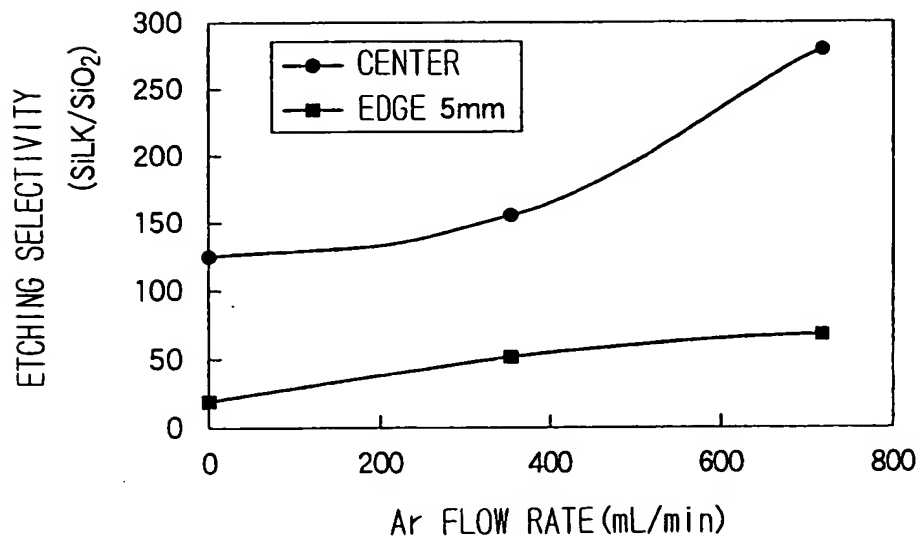


FIG. 15b